

MARINICH, A.M.

ZAMORIY, P.K., professor, vidpovidal'nyi redaktor; MARINICH, O.K., dotsent,
redaktor; MUKOMEL', I.F., dotsent, redaktor; HAZAROV, V.O., professor,
redaktor; POGREBNYAK, P.S., professor, redaktor; POPOV, V.P.,
professor, redaktor; PYARTLI, K.P., dotsent, redaktor

[Papers on the nature and agriculture of the Ukrainian Polesye]
Marysy pro pryrodu i sil's'ke hospodarstvo Ukrains'koho Polissia.
[Kyiv] Vyd-vo Kyivs'koho derzh.univ.im. T.H.Shevchenka, 1955.
529 p. (MLRA 10:7)

1. Kyiv, Universitet.
(Polesye--Agriculture)

YUGOSLAVIA/Farm Animals - Horses.

Q-2

Abs Jour : Ref Zhur - Biol., No 7, 1958, 30913

Author : Marinic I.

Inst :

Title : On the Efficiency of Horses of the Lipitsa Breed in Fall Tillage.
(O rabotosposobnosti loshadey lipitsanskoy porody na osenney pakhote).

Orig Pub : Veterinaria (Jugosl.), 1957, 6, No 1, 139-147.

Abstract : In the fall of 1952, at the State Yugoslav Stud of Kut'yevo, tilling tests were conducted in order to evaluate the efficiency of 38 thoroughbred mares of the Lipitsa breed. During 8 hours of work, the horses covered 25.6 km. When working with a traction force of 75.2 kg., they effected 1929 kg.-m. of work, having each tilled 0.70 ha. During execution of the work, temperature, pulse, and frequency of respiration were checked.

Card 1/1

alfalfa, clover, corn; water supply and irrigation problems; supply of seeds; legumes; fertilizer supplies; new improved strains of various plants such as the 1463 alfalfa, 1466 corn, 1467 sunflowers; vegetables; fruits.

APPROVED FOR RELEASE 06/20/2000 CIA-RDP86-00513R001032310004-7

1/1

MARINIC, I.

"The influence of some climatic factors on the lactation of cattle during summer time."
Dept. of Animal Husbandry & Feeding Domestic Animals, Vet. Fac. U. of Zagreb.

Vet: Archiv. 23 : 148-158, 1953

MARINIC, G., dr.

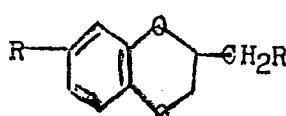
Construction and modernization of merchant marine in the USSR. Medun
transp 7 no.7:657-659 J1 '61.

YUGOSLAVIA / Organic Chemistry. Synthetic Organic
Chemistry.

G

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 60958.

Abstract: 152 to 158/0.12; -, -, 1.5743; IIIc, 200 to 210/
0.2, -, -, -; IIId, 164 to 166/0.2, -, -, -;
IIIE, 178 to 180/0.09; 134 to 135, -, -; IIIf,
117 to 122/0.1, -, -, -; II Ig, 125/1, -, 185 to
186, 1.5375; IIIf, 155 to 158/1, -, -, 1.5430;
IIII, 166 to 170/1, -, -, 1.5430; IIIj, 114 to
116/0.2, -, 185 to 188,



IR' = Cl; aR = NH₂; bR = NH₂;
cR = Cl; dR =)H; eR = CH₃O;
IIR = NO₂; aR' = NH₂; bR' =
= N(CH₃)COCH₃; cR' = N(C₂H₅)₂;

Card 3/4

MARINI-BETTOLO, G.B.

YUGOSLAVIA / Organic Chemistry. Synthetic Organic
Chemistry.

G

Abs Jour: Ref Zhur-Khimija, No 18, 1958, 60958.

Author : G. B. Marini-Bettolo, R. Landi-Vottory, D. Bovet.

Inst : -
Title : Study in Benzodioxane Series. Report VII. 2-Amino-
methylbenzodioxanes Substituted in Position 7.

Orig Pub: Croat. chem. acta, 1957, 29, No 3-4, 363-367.

Abstract: Biologically interesting 1,4-benzodioxanes (IIa
to IIe) and (IIIa to IIIl) were synthetized by
the interaction of 7-substituted 2-chloromethyl-
1,4-benzodioxanes (Ia to Ie) with NH₃ or amines.

] IIa to IIe, IIIa and IIIb can be synthetized

Card 1/4

MARINI, M.

"How I start to teach mathematics in grade 8A", p. 422; "Issued by the Rumanian Society of Mathematics and Physics Monthly". (GACETE MATEMATICA SI FIZICA, SERIA A., Vol. 6, no. 8/9, Aug./Sept. 1954. Bucuresti, Rumania).

SO: Monthly list of East European Accesion, (EEAL), LC, Vol. 4, No. 5, May, 1955.

1. MARING, T. A.
2. USSR (600)
4. Conditioned Response
7. Conditioned reflexes in dogs following the excision of the nucleus of the auditory analysor. Zhur.vys.nerv.deiat., 2, no. 6, 1952.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

ACC NR: AT7005726

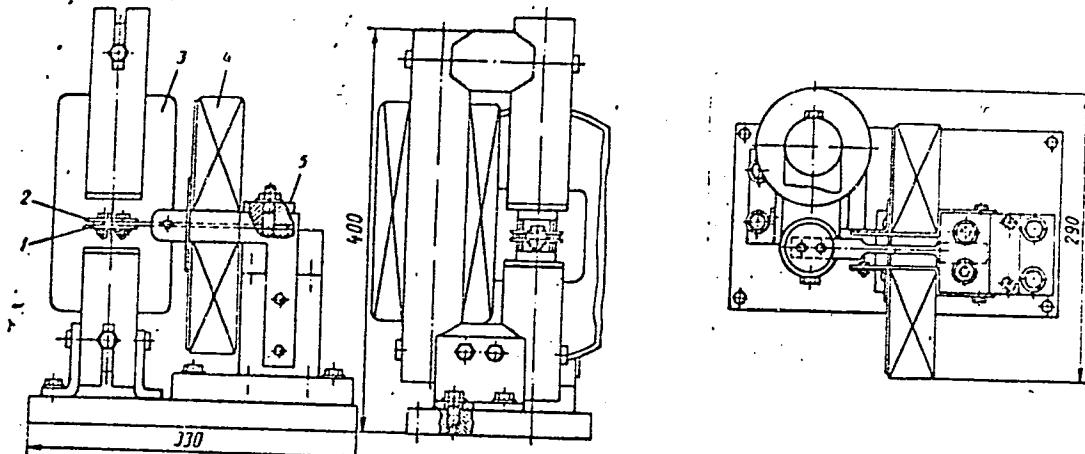


Fig. 1. General view of the apparatus: 1 - specimen; 2 - weight;
3 - DC coil; 4 - AC coils; 5 - clamp

Orig. art. has: 5 figures and 1 formula.

SUB CODE: 13/ SUBM DATE: none/ ORIG REF: 005

Card 2/2

ACC NR: AT7005726

SOURCE CODE: UR/2563/66/000/267/0032/0035

AUTHORS: Krupin, V. G.; Marinets, T. K.

ORG: none

TITLE: Apparatus for fatigue measurements using electromagnetic excitation

SOURCE: Leningrad. Politekhnicheskiy institut. Trudy. no. 267, 1966. Avtomatizatsiya i tekhnologiya mashinostroyeniya (Automation and technology in the machinery industry), 32-35

TOPIC TAGS: ^{Cyclic strength,} metal test, fatigue test, metallurgic testing machine, steel/ Kh05 steel

ABSTRACT: An apparatus for applying cyclic stresses to flat and round specimens (up to 0.4--0.6-mm thick, and to thicker specimens), using electromagnetic forces is described (see Fig. 1). A combination of constant and cycling magnetic fields is used to excite the cantilever-beam-mounted specimen at its natural frequency and to cause it to wrap around a circular template resulting in easily calculable stresses. An equation for the resulting stresses is given. The electrical circuit is also presented and described. A sample fatigue curve for a 0.1-mm thick steel Kh05 strip is presented.

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Card 1/2

ACC NR: AT7005725

alloys only when the plastic deformation temperature during the hot working is below the aging temperature of the alloy. Repeated thermomechanical treatment is even more effective (below the aging temperature). Orig. art. has: 7 figures, 1 table, and 1 formula.

SUB CODE: 13/ SUBM DATE: none/ ORIG REF: 009

Card 2/2

ACC NR: AT7005725

SOURCE CODE: UR/2563/66/000/267/0026/0031

AUTHORS: Gorbakon', A. A.; Lebedev, T. A.; Marinets, T. K.

ORG: none

TITLE: Possible ways for increasing the fatigue strength of heat-resistant alloys

SOURCE: Leningrad. Politekhnicheskiy institut. Trudy. no. 267, 1966. Avtomatizatsiya i tekhnologiya mashinostroyeniya (Automation and technology in the machinery industry), 26-31

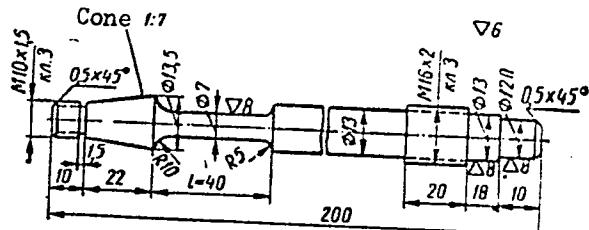
TOPIC TAGS: heat resistant alloy, metal property, high temperature fatigue, fatigue strength/ EI867 heat resistant alloy, EI437B heat resistant alloy

ABSTRACT: The effects of thermomechanical treatments on the fatigue strength of heat resistant alloys EI867 and EI437B were investigated. The initial heat treatment consisted of quenching from 1220C, air cooling, aging for 8 hours at 950C, air cooling (for EI867) and quenching from 1080C, air cooling, and aging at 700C for 16 hours followed by air cooling (for EI437B). Fatigue curves for EI867 alloy after 6 different types of thermomechanical treatment are presented and compared with the untreated behavior. Fatigue curves for alloy EI437B are presented for the untreated metal and for one type of thermomechanical treatment. After a discussion of the structural effects of the treatments (sample micrographs are presented), it is concluded that thermomechanical treatment increases the fatigue strength of dispersion hardening

Card 1/2

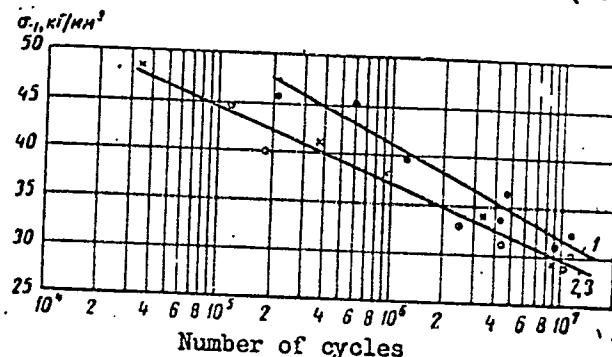
ACC NR: AT7005724

Fig. 1. Specimen for fatigue-testing at high temperature followed by mechanical-thermal processing



a drawing of the fatigue-testing machinery system is presented. The results (see Fig. 2)

Fig. 2. Cyclical strength of alloy EI867 at a temperature of 900C. 1 - After preliminary mechanical-thermal treatment; 2 - before mechanical-thermal treatment by an existing method; 3 - before mechanical-thermal treatment by the method developed



of actual fatigue tests on EI867 alloy at 900C are also discussed, with comparisons made between alternate testing methods. Orig. art. has: 4 figures.
Card 2/2 SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 006

ACC NR: AT7005724

SOURCE CODE: UR/2563/66/000/267/0022/0025

AUTHORS: Gorbakon', A. A.; Lebedev, T. A.; Marinets, T. K.

ORG: none

TITLE: On the problem of a method of tests for the cyclical strength of heat-resisting alloys after mechanical and thermal processing

SOURCE: Leningrad. Politekhnicheskiy institut. Trudy. no. 267, 1966. Avtomatizatsiya i tekhnologiya mashinostroyeniya (Automation and technology in the machinery industry), 22-25

CYCICAL STRENGTH

TOPIC TAGS: fatigue test, testing machine, alloy, fatigue strength, high temperature fatigue, metallurgic process/ UKT-3000 testing machine, EI867 alloy

ABSTRACT: A test method for studying the fatigue strength of heat-resistant alloys at high temperatures following mechanical-thermal processing is proposed. The method consists of first preparing the test specimens according to a specific set of instructions for thermal and mechanical processing, specimen sizing and surface polishing. Then the specimens (see Fig. 1) are fatigue-tested at high temperatures on a UKT-3000 machine, with a load variation frequency of 2900 cycles/minute. Temperature control during fatigue tests is maintained through a control panel arrangement with a potentiometer. The mechanism by which the location of fatigue failure in the specimen is controlled with the proposed method is discussed, and

Card 1/2

L 23038-66

ACC NR: AT6008673

formulae

$$N\sigma^m = \text{const, at } t = \text{const.}$$

$$Nt^p = \text{const, at } \sigma = \text{const.}$$

Log σ versus log N, and log t versus log N curves were obtained for all three specimens over a temperature range of 300--800C. The results show that the strength of these heat-resistant materials under cyclic loading depends first on the nature and intensity of structural changes in the metal during the test and, second, on the duration of the thermal stresses. The largest effect of the variable temperature parameters on the fatigue strength of the metals was observed in the temperature regime where noticeable structural processes were absent. Orig. art. has: 4 tables, 2 formulas, and 1 figure.

SUB CODE: 11, 13/ SUBM DATE: 19Aug65

Card 2/2 LC

23038-66 EWP(m)/EWP(w)/EWA(d)/T/EWF(t) IJP(c) JD/HW/GS
ACC NR: AT6008673 (N) SOURCE CODE: UR/0000/65/000/000/0277/0285

AUTHORS: Lebedev, T. A. (Leningrad); Marinets, T. K. (Kiev); Mal'kevich, A. V. (Kiev)

ORG: none

TITLE: Cyclic strength of some heat-resistant materials under variable temperature regimes

SOURCE: Vsesoyuznoye soveshchaniye po voprosam staticheskoy i dinamicheskoy prochnosti materialov i konstruktsionnykh elementov pri vysokikh i nizkikh temperaturakh, 3d. Termoprochnost' materialov i konstruktsionnykh elementov (Thermal strength of materials and construction elements); materialy soveshchaniya. Kiev, Naukova dumka, 1965, 277-285

TOPIC TAGS: stress analysis, cyclic test, high temperature material, steel, thermal stress, fatigue test/EI415 steel, EI572 steel, EI661 alloy, UKT-3000 testing machine, LPI-regulator

ABSTRACT: The cyclic strengths of three alloys were determined under variable temperature conditions. The alloys were: a pearlite EI415, an austenite EI572, and a nickel-base alloy EI661. The fatigue tests were made on a UKT-3000 type force-field rotating machine. A total of 7 different types of variable heat inputs were used. These consisted of sinusoidal, triangular, trapezoidal, and other temperature pulses. The fatigue life of all three specimens was measured quantitatively according to the

Card 1/2

MARTNETS, I.K.; NIKIFOROV, V.M.

Regulating the temperature of three testing units by means of
a 111 type potentiometer. Izv. Akad. Nauk SSSR, Ser. Tekhnicheskaya
(MIRA 18:21)
Leningradskiy politekhnicheskiy institut im. M.I. Kalinin

L-27818-65

ACCESSION NR: AT5003066

Other comparisons made with EI661, EI415 and EI572 alloys did not vary by more than 20%. A mathematical development is given for determining loss in strength taking into account differences between typical and actual temperature regimes. It is recommended that preliminary strength calculations be made by evaluating individual units of loss in work capacity during the period of a single deviation of temperature from normal. Refinement of strength calculations must be made by calculating stresses cited using experimental values for the coefficient of relative work capacity. Orig^g art. has: 13 formulas, 1 table and 2 figures.

ASSOCIATION: Leningradskiy politekhnicheskiy institut imeni M.I. Kalinina (Leningrad polytechnic institute)

SUBMITTED: 00

ENCL: 00

SUB CODE: MM

NO REF SOV: 001

OTHER: 001

Card 2/2

L 27818-65 ENT(d)/EWT(m)/EWP(w)/ENA(d)/T/EWP(t)/EWP(b) MJW/JD/EM

ACCESSION NR: AT5003066

S/2563/64/000/236/0047/0053

AUTHOR: Lebedev, T.A.; Marinets, T.K.; Mal'kevich, A.V.

TITLE: Evaluating the strength of metals working under unstable thermal regimes

SOURCE: Leningrad. Politekhnicheskiy institut. Trudy, no. 236, 1964. Konstruktsii i raschet mashin (Designing of machinery), 47-53

TOPIC TAGS: work capacity, metal strength, metal failure, triangular heat cycle, cyclic strength test

ABSTRACT: Evaluation of individual contributions to the loss in work capacity of materials is based on the assumptions that: 1. these losses at individual temperature levels are independent; 2. the time to failure is independent of the number of cycles; 3. damage to the material accumulates gradually; 4. within a definite temperature range there is a linear dependence between: a. stress and time to failure for a constant temperature, and b. temperature and time to failure for a constant stress. EI661 alloy was subjected to cyclic strength testing at constant temperatures of 800 and 900C and under a continuous temperature change over a 16-minute triangular cycle in the 800-900C range. There was a 15% variance between experimental and calculated data.

Card 1/2

MARINETS, T.K.; NIKITIN, V.M.

Temperature regulation scheme for MP-2U furnaces. Zav. lab.
(MIRA 18:3)
30 no.9:1148 '64.

1. Leningradskiy politekhnicheskiy institut imeni Kalinina, M.I.

L 33320-65
ACCESSION NR: AP5004234

ENCLOSURE: 01

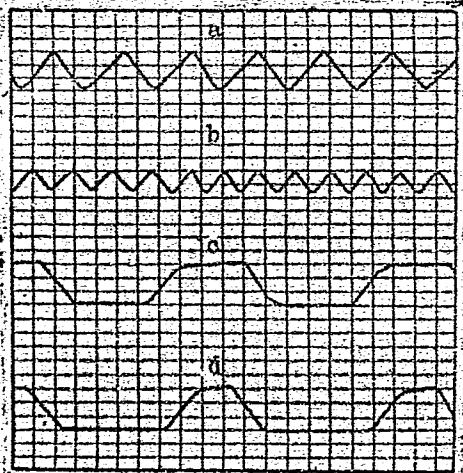


Fig. 1. Temperature profiles for fatigue testing of alloy EI-661
a - triangular cycle $800 \pm 100^\circ\text{C}$; b - triangular $900 \pm 50^\circ\text{C}$; c -
trapezoidal $850 \pm 50^\circ\text{C}$, $n_{\max}/n_{\min} = 1$; d - trapezoidal $850 \pm 50^\circ\text{C}$,
 $n_{\max}/n_{\min} = 3$

Card 3/3

L 33320-65

ACCESSION NR: AP5004234

$A = \frac{t_1}{T_f}$ where t_1 = operating time at some stress and temperature, T_f = time for failure under these temperature and stress conditions. To simplify the calculation of A, equations for A were derived for different temperature cycle profiles (rectangular, multiple steps, saw-tooth, triangular and trapezoidal) based on the fact that the fatigue curves in logarithmic stress-cycle and temperature-cycle coordinates are very nearly linear. Orig. art. has: 3 tables, 1 formula, and 6 figures.

ASSOCIATION: Leningradskiy politekhnicheskiy institut (Leningrad Polytechnical Institute)

SUBMITTED: 00

ENCL: 01

SUB CODE: MM

NO REF Sov: 002

OTHER: 000

Card 2/3

L 33320-65 EWT(d)/EWT(m)/EWP(w)/EWA(d)/EWP(v)/T/EWP(t)/EWT(k)/EWT(n)/EWP(s)/
EWT(s)

EM/MJW/JD/HW

ACCESSION NR: AP5004234

8/0145/64/000/012/0039/0048

AUTHORS: Mal'kevich, A. V. (Aspirant); Marinets, T. K. (Candidate of technical
sciences, Docent); Rakhman, B. M. (Engineer)

36
35
B

TITLE: Effect of changing temperature regimes on fatigue strength

SOURCE: IVUZ. Mashinostroyeniye, no. 12, 1964, 39-48

TOPIC TAGS: fatigue strength, fatigue life, nickel alloy, steel/ EI 661 alloy,
EI 572 steel, EI 415 steel, UKT 3000 testing machine

ABSTRACT: The fatigue strength of heat-resistant nickel alloy EI-661 in the temper-
ature region 800-950C was investigated using heat-treated (10 hours at 1200C, 5 hrs
at 1050C, air-cooled) cylindrical specimens in a fatigue testing machine (type UKT-
3000) at 2860 cycles/minute. The fatigue curves were obtained for constant tempera-
tures of 800, 900 and 950C and for temperature cycling conditions a, b, c, and d in
Fig. 1 on the Enclosure, where the heating and cooling rate was 12.5 degrees/minute
in all cases. The results are shown graphically. These data as well as data on
alloys EI-572 and EI-415 were also replotted in temperature-cycle coordinates.
Fatigue data at different temperatures can be used to calculate a coefficient of
cumulative damage for parts operating under changing temperature conditions:

Cord 1/3

ZHUKOV, V.A.; MARINETS, T.K.

Machine for testing stress-rupture strength and creep. Zav. lab.
30 no.11:1413 '64 (MIRA 3:1)

1. Leningradskiy politekhnicheskiy institut im. "... Kalinina.

MARINETS, T.K.; NIKITIN, V.M.

Electromagnetic reversible switch for TSh and TSh-2 durometers.
Zav.lab. 30 no.3:372-373 '64. (MIRA 17:4)

1. Leningradskiy politekhnicheskiy institut.

MARINETS, T.K.; NIKITIN, V.M.

Automatic switch for multipoint fatigue testing machines. Zav.lab. 29
no.12:1'01 - '63. (MIRA 17:1)

1. Leningradskiy politekhnicheskiy inatitut.

Deflection points ...

S/126/62/014/002/008/018
E193/E483

ASSOCIATION: Leningradskiy politekhnicheskiy institut im.
M.I.Kalinina (Leningrad Polytechnical Institute
imeni M.I.Kalinin)

SUBMITTED: November 23, 1961

Card 3/3

S/126/62/014/002/008/018
E193/E483

Deflection points ...

correlating these data with the results of metallographic examination and studies of solid state transformations taking place in these materials. Several conclusions were reached.

(1) The position of the deflection points on the $\log \sigma/\log \theta$ curves is independent of the grain size of the alloy, but is shifted towards the lower values of θ with increasing test temperature.

(2) There is no evidence that the presence of deflection points is associated either with a change in the mechanism of fracture (from intra- to inter-crystalline), or with any structural changes such as the formation of the σ -phase, precipitation and growth of the Cr₂₃C₆ and Fe₃Ti phase particles, and the resultant changes in the composition of the solid solution matrix.

(3) It can be assumed that the presence of deflection points on the $\log \sigma/\log \theta$ curves is a characteristic common to all the oxidation-resistant alloys with high strength at elevated temperatures. Since, however, in most cases they correspond to low values of θ (1 to 3 h), they have little practical importance in consideration of creep-strength under conditions of prolonged loading. There are 7 figures.

Card 2/3

S/126/62/014/002/008/018
E193/E483

AUTHORS: Parshin, A.M., Kolosov, I.Ye., Marinets, T.K.,
Pechnikov, I.I.

TITLE: Deflection points on the stress/time-to-rupture curves

PERIODICAL: Fizika metallov i metallovedeniye, v.14, no.2, 1962,
244-251

TEXT: When data on creep strength of an alloy are plotted in the $\log \sigma / \log \theta$ coordinates (where σ is the effective stress and θ time-to-rupture), the resultant curves often have a deflection point, the change of slope occurring usually at low values of θ not exceeding several hours. According to some workers, this effect (which should be taken into account when results of short-time tests are extrapolated to obtain the values of σ under conditions of prolonged loading) has some physical significance reflecting a change either in the mechanism of deformation, or in the structure of the material. To check this theory the present authors analysed the results of a large number of short-time creep tests conducted earlier by Parshin on austenitic, 1X18H9T (1Kh18N9T), and dispersion-hardening, EI696 (EI696), X18H22B2T2 (Kh18N22V2T2), steels at 650 to 950°C.

Card 1/3

S/126/62/013/006/011/018
Study of creep and long-term strength. E021/E192

whereas the same energy of activation at 500 °C with a stress of 10 kg/mm² was 76 kcal/mol. Finally, the authors briefly consider the theory of the time-temperature relationships of the strength of metals in the light of their results.

There are 7 figures and 2 tables.

SUBMITTED: October 16, 1961

Card 2/2

39764
S/126/62/013/006/011/018
E021/E192

18.8200

AUTHORS: Moroz, L.S., Khesin, Yu.D., and Marinets, T.K.

TITLE: Study of creep and long-term strength of iron at low temperatures

PERIODICAL: Fizika metallov i metallovedeniye, v.13, no.6, 1962,
912-919

TEXT: The main investigations were carried out on Armco iron containing 0.1% C, 0.034% N, 0.18% O₂ and 0.06% Cu. The samples were tested after annealing at 930 °C. The deformation during creep was measured with an accuracy of 4×10^{-5} cm. The test temperatures were obtained using mixtures of dry ice in kerosene (-40 °C) and in benzene (-75 °C). With a stress of 34 kg/mm², creep occurred at -40 and -75 °C and on the steady-state part of the curve the rate was 10^{-2} to 10^{-3} %/hour. At room temperature there was no steady-state creep at this stress. It is proposed that the reason for the absence of creep effects at 18 °C is due to the influence of deformation ageing of iron. The energy of activation of the process of creep fracture for low temperatures and for a stress of 39 kg/mm² was found to be 13.5 kcal/mol..

Card 1/2

Investigating cyclic strength of...

S/137/62/000/012/054/085
A006/A101

the second stage of cyclic loading. They show that the fatigue crack develops initially very slowly and only at the end of the second stage its development is considerably accelerated. The speed of the crack propagation depends mainly upon the magnitude of alternating loading. The data obtained are in a satisfactory agreement with the curves showing the growth of the fatigue crack, obtained by A. Forest on annealed steel specimens. The authors recommend the use of the proposed method for investigating the fatigue strength of metals for a large-scale material range. There are 8 references.

Z. Fridman

[Abstracter's note: Complete translation]

Card 2/2

S/137/62/000/012/054/085
A006/A101

AUTHORS: Lebedev, T. A., Marinets, T. K., Yefremov, A. I.

TITLE: Investigating cyclic strength of metals by the method of recording fatigue diagrams

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 12, 1962, 104, abstract 12I638 (In collection: "Tsiklich. prochnost' metallov", Moscow, AN SSSR, 1962, 141 - 146)

TEXT: The authors investigated the cyclic strength of metals by recording fatigue diagrams. The investigations were made with specimens of annealed red copper (M2) (σ_{-1} 8.9 kg/mm²), technically pure Fe (σ_{-1} 21 kg/mm²) and Ti alloy, containing 2.5% Al (σ_{-1} 34 kg/mm²). In the fatigue tests a device was used for recording the deflection of a bracket specimen; it was thus possible to record automatically the curves of varying deflections of the specimen in the fatigue process, directly during the test. These tests revealed some peculiarities in the behavior of the materials investigated during the process of their cyclic loading. Fatigue diagrams illustrate the development of cracks during

Card 1/2

SOV/32-25-3-37/62

Apparatus for the Recording of the Flexure of a Bracket-sample in Testing the Fatigue-resistance

a millivoltmeter MSShchPr-054. The current-charge of the element and the potentiometer is carried out over a ferro-resonant voltage stabilizer ST-200. In the case under investigation the fatigue-tests are carried out on a bracket-machine VU-8 of the Veler-type. In order to secure an increased accuracy and sensitivity and a reduced vibration the load scheme has been changed (Fig 2). A diagram obtained on a copper sample M 2 at a stress of 13.6 kg/mm^2 is mentioned as example (Fig 3). There are 3 figures and 4 Soviet references.

ASSOCIATION: Leningradskiy politekhnicheskiy institut im. M. I. Kalinina
(Leningrad Polytechnic Institute imeni M. I. Kalinin)

Card 2/2

25(2)

SOV/32-25-3-37/62

AUTHORS: Marinets, T. K., Yefremov, A. I.

TITLE: Apparatus for the Recording of the Flexure of a Bracket-sample
in Testing the Fatigue-resistance (Pribor dlya registratsii
progiba konsol'nogo obraztsa pri ispytanii na ustalostnuyu
prochnost')

PERIODICAL: Zavodskaya Laboratoriya, 1959, Vol 25, Nr 3, pp 353-355 (USSR)

ABSTRACT: In a previous paper it was shown that in fatigue-tests in all stages of cyclic disruption-tests a control of the stage of the test is possible by plotting the curve of variations in flexure. In the laboratory of metallography of the institute mentioned in the Association a device was constructed which facilitates an automatic plotting of the curves showing the variation in the flexure of the bracket-samples in tests of the fatigue resistance. The device is equipped with a differential induction element, a measuring arrangement and an electric arrangement for charging the element and the measuring device (Figs 1,2). The flexure of the sample is transformed into an electric quantity by means of the induction element and measured with an electronic automation-recorder-potentiometer EPP-06 or

Card 1/2

MARINETS T5

PHASE I BOOK EXPLORATION

EDT/559

Akademie Nauk SSSR. Institut metallurgii. Izdatel'stvo sovet po problemam zhurnalov i knig. Moscow, Izd-vo Akademi, 1959. 423 p. Karta slyu invertir.

2,000 copies printed.

Ed. of Publishing Board: V.A. Klykov. Tech. Ed.: I.P. Kavetski. Editorial Board: I.P. Kavetski, A. M. Gerasimov, D.Y. Karyavyy, A. N. Kuchuk, A.V. Averyev, L.A. Pavlov, and I.P. Smilin. Candidate of Technical sciences (Phys. Mat.), I.P. Oding,

PURPOSE: This book is intended for metallurgical engineers, research workers in metallurgy, and may also be of interest to students of advanced courses in metallurgy.

CONTENTS: This book, consisting of a number of papers, deals with the properties of heat-resistant steels and alloys. Each of the papers is devoted to the study of the factors which affect the properties and behavior of metals. The effects of various elements such as Cr, Mo, and W on the heat-resisting properties of various alloys are studied. Deformability and workability of certain metals as related to the actual conditions are the object of another study described. The problems of hydrogen embrittlement, diffusion and the deposition of cermet coatings on metal surfaces by means of electrolysis are examined. One paper describes the apparatus and methods used for growing monocristalline films of metals. Boron-base metals are critically examined and evaluated. Results are given of studies of intermetallic bonds and the behavior of atoms in metals. Tests of turbine and compressor blades are described. No personalities are mentioned. References accompany most of the articles.

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GORDEYEV, Ye.K.; MARINETS, T.K.; TIEHODEYEV, N.N.; TUSHINSKIY, L.I.

A unit for testing metals for lasting strength and creep in ionized gaseous media. Zav.lab. 21 no.4:437-488 '55 (MLRA 8:6)

1. Leningradskiy politekhnicheskiy institut imeni M.I.Kalinina
(Creep of metals)(Metals--Testing)(Testing-machines)

MARINETS, T. K.

"On the Increase of Longevity of Samples in the Process of Fatigue," Tr. Leningr. Politekhn. In-ta, No 3, 1954, pp 150-155

This is a development of the work of other authors who demonstrated the possibility of increasing the longevity of samples by means of removing a damaged layer. It presents the results of tests on fatigue during flexure. The tests were made at the moment of the appearance of a fatigue fracture. The author states that the tests showed that under a stress of 30 kg/mm² periodic buffing increased the strength of samples 4-5 times. (RZKhMekh, No 5, 1955) SC: Sum, No. 713, 9 Nov 55

MARINETS, T. K. and LEBEDEV, T. A.

"Investigation of the Fatigue Process of Carbon Steel by Means of Controlling the Sagging of a Sample".

Tr. Leningr. politekhn. in-ta, No 3, pp 135-149, 1954

Indirect presentation on the nature and course of process of fatigue breakdown of steels was obtained by investigating the change of the amount of sag of cantilever samples (bending with rotation). Three basic stages in the course of the fatigue process are given. Bibliography, nine references. (RZhMekh, No, 8, 1955)

SO: Sum No 812, 6 Feb 1956

MARINETS, T. M.

Mechanical Properties of Testing Materials

Dissertation: "Investigation of the Fatigue Process of Carbon Steel by the Method of Controlling the Deflection of a Specimen." Cand Tech Sci, Leningrad Polytechnic Inst, Leningrad, 1953. (Referativnyy Zhurnal, Mekhanika, Moscow, Mar 54)

SO: SJM 213, 20 Sep 54

MARINETS, N.P. (Lvov)

Rozdol'sk Factory gets assistance from comrade workers. Shvein.prom.
no.2:37-38 Mr-Ap '61. (MIRA 14:4)
(Rozdol'sk--Clothing industry)

MARINESCU-SLATINA, D.; IOSIPESCU, A.; MANOLESCU, N.

"Anatomoclinical considerations on 2 cases of tumors of the chromaffin tissue. Stud. cercet. endocr. 15 no.3:253-256 '64.

HORTOLOMEI, N.academician.; FINGERHUT, Bruno.; PETRESCU, Valeriu.;
GHITESCU, Tiberiu.; MARINESCU-SLATINA, Dimitrie.; BOERIU, Valeriu.

Experimental studies of renal pre-lithiasic states caused by
injection of sulfonamides, staphylococci (microbial toxins) and
sodium iodide (disorders of chemical metabolism)
Probl. ter., Bucur. Vol. 1:169-180 1954.

(KIDNEYS, calculi

 pre-lithiasic states induced in dogs by inject. of
 sulfonamides, sodium iodide & cultures of *Micrococcus*
 pyogenes)

(CALCULI

 renal pre-lithiasic states induced in dogs by inject.
 of sulfonamides, sodium iodide & cultures of *micrococcus*
 pyogenes)

(SULFONAMIDES, eff.

 pre-lithiasic states in kidneys of dogs)

(IODIDES

 sodium, inject. causing renal pre-lithiasic state in
 dogs)

(MICROCOCCUS PYOGENES

 toxin, inject. causing renal pre-lithiasic state in
 dogs)

Marinescu-Slatina, D.

✓ Action of procaine on the coagulation of blood. N. Hortolomei, G. Preca, I. Busu, D. Marinescu-Slatina, N. Enescu, and G. Mihail. *Comunic. acad. rep. popolare Române* 2, 759-92 (1952). — The effect of procaine on the coagulation of blood was studied *in vitro* and by injecting therapeutically used doses in human patients and in dogs. The time of coagulation and of prothrombin were reduced, while the ecceemia remained unchanged. The effect of 200 mg. of procaine persisted for about 20-40 min. The procaine also reduced the usual effect of heparin. The fact that it is destroyed in the living organism makes possible the use of large amounts of procaine for anesthesia. *François Kertesz*

L 33138-66 EWP(w)/T/EWP(t)/ETI IJP(c) JD
ACC NRIAP6024572 SOURCE CODE: RU/0017/65/000/003/0139/0143

AUTHOR: Marinescu-Firica, M. (Engineer)

25
B

ORG: "Steagul Rosu" Works, Brasov (Uzinele "Steagul Rosu")

TITLE: Causes of fatigue fracture of some planetary shafts in 'Steagul Rosu' trucks

SOURCE: Metalurgia, no. 3, 1965, 139-143

TOPIC TAGS: tempering, metal hardening

ABSTRACT: After a discussion of the causes of fatigue fracture of some shafts in the Steagul Rosu trucks, the author reports on measures proposed for their avoidance. Best results were obtained with a thermic treatment consisting of a differential tempering of the rods and flanges in a single cooling medium, with the oil tempering applied entirely to the flange followed by a superficial hardening of the full length of the rods by heating with high-frequency currents. Orig. art. has: 9 figures. [Based on author's Eng. abst.] [JPRS]

SUB CODE: 13 / SUBM DATE: none

LS
Card 1/1

UDC: 629.114.4-585.12:539.43.011.25

5213 3505

MARINESCU-FIRICA, M., ing.

Influence of metallurgical parameters on the premature
wear process of the SR-211 engine cam-peg axle system.
Constr mas 16 no. 1:27-34 Ja '64.

1. "Steagul rosu" Plant, Brasov.

MARINESCU-FIRITA, M., ing.

Durability of forging dies and methods for its improving used by
the Steagul Rosu Plants of Brasov. Metalurgia constr mas 8 no.11:
927-936 N '61.

(Romania--Forging) (Dies(Metalworking))

MARINESCU-FIRICA, M.

Contributions to the processing and heat treatment of spiral springs in band production. p. 24.

METALURGIA SI CONSTRUCTIA DE MASINI

Vol. 8, no.3 , Mar. 1956

Rumania

Source: EAST EUROPEAN LISTS Vol. 5, no. 10 Oct. 1956

MARINESCU, V. [Marinescu, V.], prof. (Bukharest, ul. Leytenant Lemnys, d.2);
FOTIADÉ, B. (Bukharest); IONESCU, M. [Ionescu, M.] (Bukharest);
DOICHESCU, R. [Doicescu, R.] (Bukharest).

Hemodynamic changes in deep hypothermia. Vest.khir. 90 no.2:
30-31 F'63. (MIRA 16:7)
(HYPOTHERMIA) (BLOOD--CIRCULATION) (BLOOD PRESSURE)

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occlusions of the carotid artery. Khirurgia 39 no.8:
100-107 Ag '63. (MIRA 17:6)

1. Iz khirurgicheskogo otdeleniya bol'nitsy Funden' (rukovoditel' -
prof. V. Marinesku [Marinescu, V.] i neyrokhirurgicheskogo
otdeleniya bol'nitsy imeni G. Marinesku (rukovoditel' - prof.
K.A. Arseni), Bukharest.

MARINESKU, V. [Marinescu, V.], prof.; SETLACHEK, D.; FOTIADE, E.; LITARCHEK, G.G.

Arrest and restoration of heart activity. Khirurgija 39 no.9:
19-23 S*63 (MIRA 17:3)

1. Iz khirurgicheskoy kliniki (zav. - prof. V.Marinesku)
Bukharetskoy bol'nitsy "Funden".

MARINESCU, Voinea; IONESCU,M.; PAUSESCU,E.; FOTIADE,B.

Aspects of the metabolic and haemodynamic behaviour of the
organism in deep hypothermia. Rumanian med.rev. 7 no.4:73-79
0-D'63.

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MARINESKO, V., prof. [Marinesco, V.]; IONESKO, M. [Ionesco, M.]; IONESKO, L.
[Ionesco, L.]; PROINOV, Fr.

Technical feasibility of efficient extracorporeal circulation in
normothermal conditions and in deep hypothermia. Khirurgiia, Sofia
14 no.2/3:216-221 '61.

(HEART MECHANICAL) (HYPOTHERMIA INDUCED)

MARINESCU, V., prof.; SETLACEK, D.; PROINOV, D.; IONESCU, L.

Treatment of septal defects, stenosis of the pulmonary artery and
tetralogy of Fallot with the aid of the interruption of circulation
under hypothermia. Khirurgia, Sofia 14 no.2/3:199-203 '61.

(HEART SEPTUM abnorm) (PULMONARY STENOSIS surg)
(TETRALOGY OF FALLOT surg) (HYPOTHERMIA INDUCED)

MARINESCU, Voinea, prof.; SETLACEC, D., dr.

The surgical treatment of coronary diseases. Med. inter., Bucur
13 no.3:401-414 Mr '61.
(CORONARY DISEASE surgery)

MARINESCU, V. [Marinescu, V.], prof. (Bukharest); SETLACHEK, D. [Setlache, D.]
(Bukharest); PROINOV, F. (Bukharest); IONESCU, L. [Ionescu, L.]
(Bukharest)

Treatment of defects of the cardiac septum by means of direct
open heart suture in hypothermia. Vest.khir. 85 no.10:35-43
0 '60. (MIRA 13:12)
(HYPOTHERMIA) (HEART--ANOMALIES AND DEFORMITIES)

MARINESKU, Vojnya [Marinescu, V.], prof.; MALITSKAYA, Ye. [Maliska, E.];
FOTIADE, B. [Fotiade, B] (Bukharest)

Effectiveness of combined methods in the prevention of erroneous
heart surgery. Vest.khir. 85 no.11:84-89 N '60.

(MIRA 14:2)

(HEART—SURGERY)

MARINESCU, Vlăduța, prof.; MALITCHI, E., dr.; FOTIADE, B., dr.

Value of multiple examinations in prevention of errors in operative
indications in cardiac surgery. Med. intern., Bucur 12 no.12:
1843-1850 D '60.

(HEART--DISEASES diagnosis) (HEART SURGERY)

MARINESCU, Voinea, prof.; MALITKI, E.; FOTIADE, B.

The utility of complex explorations in order to avoid errors in operative
indications of cardiac surgery. Rumanian M Rev. no.3:57-63 Jl-S '60.
(HEART SURGERY)

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in the implantation of the right pulmonary veins. Rumanian M Rev.
no.2:58-62 Ap-Je '60.

(HEART SEPTUM abnormalities) (PULMONARY VEINS abnormalities)

MARINESCU, V.; SETIACHEK, D.; MALITSKI, E.; LITARCHEK, G.; FOTIADÉ, B.

Certain aspects of our experiences with cardiac surgery. Khi-
rurgia, Sofia 12 no.11:929-944 '59.
(HEART SURGERY)

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Some aspects of our experience in cardiac surgery. Romanian M.
Rev. 3 no.3:25-36 J1-S '59.
(HEART SURGERY)

MARINESCU, Voinea; BUJOR-CARUS, Ionescu

The role and the limits of compensating mechanisms in the postoperative period. Romanian M. Rev. 1 no.4:73-81 Oct-Dec 57.

(SURGERY, OPERATIVE
postop. compensating mechanisms)

MARINESCU, VOINEA; C. IONESCU-BUJOR CARUS; MARCEL SELANU

The ligature of the pulmonary artery; an effective means for the prevention of venous admixture in chronic pulmonary suppuration. Romanian M. Rev. 1 no.2:78-83 Apr-June 57.

(LUNGS, abscess

prev. of venous admixture by ligation of pulm. artery)

MARINESCU, VOINEA; IONESCU-BUJOR CARUS

Contributions to the study of the pathogenesis of acute pulmonary edema in patients with stenosis of the mitral valve. *Rumanian M. Rev.*
1 no.1:40-41 Jan-May 57.

(MITRAL STENOSIS, compl.

pulm. edema, pathogen.

(PULMONARY EDEMA, etiol. & pathogen.
mitral stenosis)

MARINESCU, Voinescu

Role of interoception and of the pulmonary pressure area in the maintenance of vascular tonus. Romanian M. Rev. 1 no.1:6-12 Jan-May 57.

(LUNGS, blood supply
vasc. tonus, role of interoception & pulm. pressure
area in dogs.)

RUMANIA/Pharmacology. Toxicology. Narcotic and Hypnotic Drugs

V

Abs Jour : Ref Zhur - Biol., No II, 1956, No 51860

Author : Hortolomei N., Marinescu V., Setnacec D., Litarcezak G.

Inst : Rumanian Academy

Title : Anesthesia. Theoretical and Practical Problems

Orig Pub : Bibliot. med., NV Bucaresti. acad RPR, 1957, 798p., il. 52lei)

Abstract : No abstract

Card : 1/1

MARINESCU, Voinya [Marinescu, v.] (Rumyniya, Bukharest); IONESCU-BUZHOP-
EAHUS [Ionescu-Busjor-Carus] (Rumyniya, Bukharest)

Mechanism of acute pulmonary edema in mitral stenosis [with summary
in English, p.157] Vest.khir. 77 no.7:23-26 Jl '56. (MIRB 9:10)

(MITRAL STENOSIS, compl.

pulm. edema, physiol.)

(PULMONARY EDEMA, etiol. and pathogen.

mitral stenosis, physiol.)

MARINESCU, Voinea, Conf.; BUJOR-CARUS, Ionescu, dr.

Mechanism of production of acute pulmonary edema in patients
of mitral stenosis. Med. int., Bucur. 8 no.2:231-234 Apr-May
56.

(MITRAL STENOSIS, complications
acute pulm. edema, mechanism of prod.)
(PULMONARY EDEMA, etiol. & pathogen.
mitral stenosis, mechanism of prod.)

MARINESCU, V.

EXCERPTA MEDICA Sec.2 Vol.9/10 Physiology, etc. Oct56

4671. MARINESCU V., SARAGEA M., GHITESCU T., STEFANESCU T., STAN-CESCU M. and BUŞU I. *Researches concerning chemoreceptors and the pulmonary pressor field REV.SCI.MED.(R.P.R.) 1956, 1/1 (131-151) Graphs 16 Illus. 5

Minutely detailed instructions are given for cross-circulation preparations in which either a whole lung or a single lobe of a 'receptor' dog is perfused through the pulmonary artery with blood from the carotid of a 'donor' dog; the return flow is from pulmonary vein of receptor into jugular of donor. Dogs are premedicated with morphine and kept anaesthetized with ether. Introduction of acetylcholine into

the perfusion circulation caused a marked depression in the systemic B.P. of the receptor, whether whole lung or only a lobe was being perfused. The effect of adrenaline was variable, and from the published records, not marked. Attempts to 'anaesthetize the pulmonary receptors' by perfusing 1% procaine resulted in a rapid fall in B.P. and death; but animals could be kept alive with massive doses of adrenaline.

Ladell - Salisbury

C
MARINESIU, Voynya - V. C.

Terapeutic and prophylactic service to the people in the consolidated hospital system. Sovet.med. 19 no.5:78-84 Ky '55.
(MLRA 8:8)

1. Ministr Zdravookhraneniya Rumynskoy Narodnoy Respubliki.

(HOSPITALS
reform, in Rumania, results)

(PUBLIC HEALTH
in Rumania, eff. of hosp. reform)

MARINESCU, Voinea,; GHITESCU, T.,; STEFANESCU, Tr.,; GATOSCHI, G.

Cardiac catheterization. Bul stiint., sect. med. 7 no.4:1003-1018
Oct-Dec 55.

(~~HEART~~
catheterization, technic & possible compl.)

MARINESCU, Voynya

RUMANIA

USSR/Miscellaneous - Gen. Science

Card 1/1

Author : Marinescu, Voynya, Secretary of Rumanian Acad. of Sc.

Title : Development of Science in the Rumanian Peoples Republic

Periodical : Priroda, 5, 72 - 75, May 1954

Abstract : In 1949, the Academy of Sciences of Rumania had nine institutions; by 1953, the number of scientific institutions increased to 24, with branches in Bucharest, Yassy, Kluzhe. The Rumanian Academy of Science now has faculties for technical, chemical, physical, medical and other related sciences and close cooperation with the Academy of Sciences of the USSR promises a continuous growth of scientific institutions.

Institution : ***

Submitted : ***

MARINESCU, Voinea.; GHITESCU, Tiberiu.; GATOSCHI, Gatoschi.;
STEFANESCU, Traian.; STANESCU, Mihai.; LITARCZEK, George.

Experimental and clinical angiography with heart
catheterization. Probl. ter., Bucur. Vol 1:191-207 1954.

(ANGIOGRAPHY

angiography with heart catheterization in various
cardio-mediastinal disord.)

(HEART

catheterization with angiography in various
cardio-mediastinal disord.)

(CARDIOVASCULAR DEFECTS, CONGENITAL, diagnosis
angiography with heart catheterization)

STEFANESCU, Claudiu, ing.; MARINESCU, Virginia, ing.

Execution of cores in heated core boxes. Metalurgia constr mas 13
no.9:751-758 S '61.

(Coremaking)

CONSTANTINIU, I.; HORVATH, I.; MARINESCU, V.

Evolution of a case of malignant exophthalmos treated by sectioning of the pituitary stalk. Stud. cercet. endocr. 16 no.1:71-74
'65.

MARINESCU, V., membru corespondent al Academiei R.P.R.; PAUSESCU, E.;
IONESCU, M.

Cerebral biochemical characteristics in hypothermal conditions.
Fiziol. norm. pat. 11 no.3:223-235 My-Je '65.

1. Clinica de chirurgie si Laboratorul de organe artificiale,
Spitalul clinic Fundeni.

RUMANIA

BARHAD, B., Dr; GRADINA, C., Dr; MIHAILA, I., Dr; DECULESCU, F., Dr;
MARINESCU, V., Ing; CRISTESCU, Iulia, Dr; MICLESCU, S., Dr.

Institute of Hygiene and Protection of Labor in Bucharest, and SMS Sindicatul Muncitorilor Sanitari; Union of Health Workers/23 August Plants (Institutul de igiena si protectia muncii din Bucuresti si SMS Uzinele "23 August") - (for all)

Bucharest, Igiena, No 5, 1963, pp 419-426

"Studies of the Effect of Noise and Vibrations on the Body in Industry"

(7)

MARINESCU, V.

Removing ships from dry land to the river by means of equipment on board or with the help of other ships with traction possibilities. p. 99.

REVISTA TRANSPORTURILOR. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania si Ministerul Transporturilor Rutiere, Navale si Aeriene) Bucuresti, Rumania. Vol. 6, no. 3, Mar. 1959.

Monthly List of East European Accessions (EEAI) IC, Vol. 8, no. 7, July 1959

Uncle.

MARINESCU, V., ing.

A new traffic census on Rumanian roads. Rev transport 9 no.5:217-
218 My '62.

MANESCU, V.

The traffic evaluation on highways.

P. 539 (REVISTA TRANSPORTULOR) (Bucuresti, Romania) Vol. 1, no. 12, Dec. 1957

SO: Monthly Index of East European Accessions (EAI) IS Vol. 7, No. 5, 1958

HURUBA, V., ing.; MARINESCU, T.

Quick calculation of chord reduction corrections in projections:
stereographic, unique secant plan, Brasov and Gauss-Kruger. Rev
geodezie 7 no.1:6-14 '63.

1. Directia de sistematizare, arhitectura si proiectare a constructiilor,
Tg. Mures (for Huruba). 2.I.S.P.A. Bucuresti (for Marinescu).

DUMITRESCU, Stelian, ing.; MARINESCU, Stelian

Scientific notes. Industria uscara 11 nr.10:549-554 G '64.

1. Assistant Director, Technical Directorate, Ministry of Light Industry (for Dumitrescu). 2. Head of the Office at the Rumanian Chamber of Commerce (for Marinescu).

GRIB,R., dr.; MARINESCU, Speranta, dr.; SIGHETEA, Elena, dr.; NICIFOR, E.
dr.; ROGOZEA-ANTONESCU, Cornelia, dr.

Coexisting renal diseases in leukosis. Med. intern. (Bucur.) 17
no.1:89-94 Ja '65

J. lucrare efectuata in Institutul de medicina interna al Academiei
Republicii Populare Romane si Ministerul Sanatatii si Prevedilor
Sociale (director: acad. N. Gh. Lupu).

SIGHETEA, Elena, dr.; PETRESCU,M., dr.; GEIB, R., dr.; COCIU, Mariana, dr.; MARINESCU, Speranta, dr.; MIHAILESCU, Eugenia, dr.

Considerations on the pathogenic mechanism of anemias in acute leukoses. Med. intern. (Bucur.) 16 no.10:1195-1200 0'64

1. Lucrare efectuata la Institutul de medicina interna al Academiei Republicii Populare Romine (director: acad. N. Gh. Lupu).

GHEORGHIU-TEICAN, Maria, dr.; MARINESCU, Speranta, dr.; GOCIU, Mariana,
dr.; SIGHETEA, Elena, dr.

Study of erythrocyte fragility in malignant hemopathies. Med.
intern. (Bucur.) 16 no.6:735-740 Je'64

1. Lucrare efectuata in Institutul de medicina interna al
Academiei R.P.R. si al M.S.P.S. (director: acad. N.Gh. Iupu).

MARINESCU, Speranta, dr.; OLARU, Cornelia, dr.; GEIB, R., dr.

The aspect of the thrombocytogram in some malignant reticulopathies.
Med. intern. 14 no.10:1207-1210 0 '62,

1. Lucrare efectuata la Clinica medicala a Institutului de medicina
interna al Academiei R.P.R. si M.S.P.S. (director: acad. N.Gh. Lupu),
Bucuresti.

(BLOOD PLATELETS) (HODGKIN'S DISEASE)
(SARCOMA, RETICULUM CELL) (LEUKEMIA, MYELOCYTIC)
(RETICULOENDOTHELIOSIS)

BAPAZIAN, Ripsimia, dr.; MARINESCU, Speranta, dr.

Note on some hematological aspects of several rheumatic diseases.
Med. intern. 13 no.12:1643-1647 D '61.

1. Institutul de medicina intern al Academiei R.P.R. si Ministerului
Sanatatii si Prevederilor Sociale, director, acad. N.Gh. Lupu.
(ARTHRITIS, RHEUMATOID blood) (RHEUMATIC FEVER blood)

MARINESCU, Speranta, dr.; BALACEANU, Mariana, dr.

Erythropoietin. Med. intern. 13 no.10:1351-1353 0 '61.

1. Lucrare efectuata in Institutul de medicina interna al Academiei R.P.R. si M.S.P.S., director, Acad. N. Gh. Lupu.

(HEMATOPOIESIS physiology)

LUPU, N.Gh., acad.; POPESCU, Iuliu, dr.; MARINESCU, Speranta, dr.

Unusual aspects of the onset and evolution of acute leukoses.
Med. intern., Bucur 13 no.4:583-587 Ap '61.
(LEUKEMIA diagnosis)

MARINESCU, Speranta; OLARU, Cornelia; GEIB, R.

Aspect of the thrombocytogram in leukosis. Stud. cercet. med. intern.
2 no.5:699-704 '61.

(LEUKEMIA, LYMPHOCYTIC blood)
(LEUKEMIA, MYELOCYTIC blood)
(BLOOD PLATELETS)

GROZEA, P.; MARINESCU, Speranta; OLARU, Cornelia; SIGHETEA, Elena

On the interrelations between sarcomas of the reticulo-histiocytic system and blood changes of the leukemic type. Stud. cercet. med. intern. 2 no.1:63-68 '61.

(SARCOMA, RETICULUM CELL etiology)
(LEUKEMIA etiology) (RETICULOENDOTHELIOSIS blood)

MARINESCU, Speranta;ENESCU, Viorica;CERNESCU, Alexandra;OCIU, Mariana

Chronic erythroblastosis in adults (Heilmeyer-Schoner type);
case report. Med. int., Bucur. 9 no.6:925-931 June 57.

1. Lucrare efectuata in Clinica medicala a Spitalului "Colentina"
director, acad. N. Gh. Jupu.

(POLYCYTHEMIA VERA, case reports
chronic erythroblastosis, Heilmeyer-Schor r type,
in aged man.

MARINESCU, Sp.

DULCE, M.; MARINESCU, Sp.; GROZEA, P.

Clinical and therapeutic aspects of several unusual cases of malignant blood diseases. Med. int., Bucur. 9 no.6:890-895 June 57.

1. Lucrare efectuata in Clinica medicala a Spitalului, "Colentina"
(Director: acad. N. Gh. Ispu).

(LEUKEMIA, MYELOCYTIC, case reports
atypical cases)
(LYMPHOID TISSUE, neoplasms
atypical cases of reticulosis)

RUMANIA / General Problems of Pathology. The Patho-
physiology of the Infectious Process.

U

Abs Jour: Ref Zhur-Biol., No 22, 1958, 102490.

Abstract: disimmune state according to Cahn. The amount of leucocytes (AL) decreases in these diseases; ESR is speeded up in 65% of patients. In the presence of a streptococcal infectious focus in nonspecific infectious polyarthritis, SR is sharply positive.

Card 2/2

RUMANIA / General Problems of Pathology. The Patho-
physiology of the Infectious Process.

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Abs Jour: Ref Zhur-Biol., No 22, 1958, 102490.

Author : Lupu, N. Gh.; Goldstein, I.; Kahan, A.; Marinescu,
Sp.

Inst : Not given.

Title : Biologic Tests in Rheumatism. Change of the Leuko-
gram and ESR Under the Influence of Intracutaneously-
Introduced Streptococcal Antigen.

Orig Pub: Probl. terap., 1957, 5, 7-25.

Abstract: The change of the leukogram and ESR was studied on
177 patients 4 hours after intracutaneous introduc-
tion of streptococcal endotoxin. In acute rheuma-
tism and chronic septic endocarditis, the skin re-
action (SR) is negative, which is explained by the

Card 1/2

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MARINESCU, Sp.dr

DULCE, M., Dr.; MARINESCU, Sp., dr.

Unusual aspects of chronic lymphadenosis; relations between leukosis and pathology of the reticulohistiocitary system; some therapeutic conclusions. Med. int., Bucur. 4 no.8:1213-1219 Dec 56.

1. Lucrare efectuata in Clinica I medicala (director acad. N. Gh. Lupu).

(LEUKEMIA LYMPHATIC, manifestations atypical manifest. of chronic lymphadenosis)

Marinescu, Sp.

PAPAZIAN, R., Dr.; MARINESCU, Sp., dr.; COMAN, C., dr.

Multiple myeloma with terminal plasmiocytic leukemia. Med. int., Bucur. 7 no.4:93-95 Oct-Dec 55.

1. Lucrare efectuata in Clinica I medicala (dir. acad. prof. Lupu).

(MYELOMA, PLASMA CELL, complications
leukemia, plasma-cell)

(LEUKEMIA, etiol. & pathogen.
myeloma, plasma-cell, causing plasma-cell leukemia)

ACCESSION NR: AP5012406

SUBMITTED: 00

ENCL: 00

SUB CODE: MT, OC

NO REF Sov: 000

OTHER: 010

JPRS

Card 2/2

ACCESSION NR: AP5012406

RU/0003/64/015/009/0542/0545

AUTHOR: Klang, M.; Marinescu, S.

TITLE: Some aspects concerning the conversion of ricinoleic acid to sebacic acid

SOURCE: Revista de chimie, v. 15, no. 9, 1964, 542-545

TOPIC TAGS: carboxylic acid, polyester plastic

Abstract [Authors' English summary modified]: After a theoretical discussion of various factors affecting the possibility of increasing the conversion of ricinoleic acid to sebadic acid (reaction time, excess alkalinity, etc.), the authors show that a continuous process is superior to a discontinuous one because a sizable quantity of alcohols can be compensated with overheated steam. Among the other factors affecting yield are contact time and amount of catalyst. The studies were carried out in the research laboratory of the SIN plants which produce sebadic acid on an industrial scale. Orig. art. has 2 figures, 8 formulas, 2 graphs and 2 tables.

ASSOCIATION: none

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